

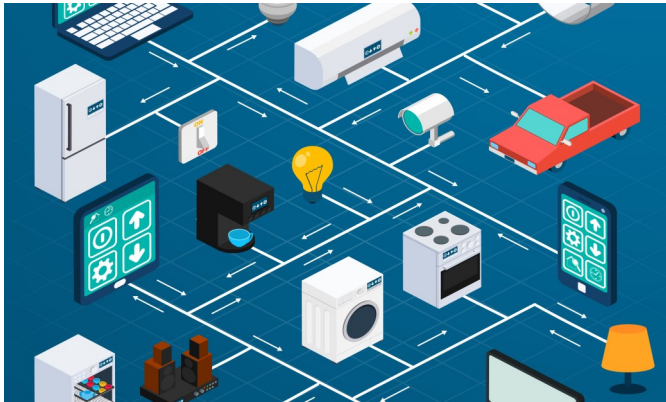
DEPARTMENT OF TECHNOLOGY & INFORMATION

DELIVERING TECHNOLOGY THAT INNOVATES

eSecurity News — Riding the Internet of Things (IoT)

THE INTERNET OF THINGS

The IoT is the network of things that we use every day that are connected to the internet. Appliances, vehicles, wearable technology, building and home monitoring systems and many other things have embedded electronics, software, sensors, and network connectivity that enable the “thing” to collect and exchange data.



eSecurity CONCERNS

- Security may not be built in to the device
- Default passwords are well known and often not changed by the purchaser
- Options for configuration are not always available
- Long term support is not always available
- The experience of the company or manufacturer in providing internet security

For more information check out

- ➔ [Delaware DigiKnow Resource Page](#)
- ➔ [Homeland Security Strategic Principles for Securing the IoT](#)
- ➔ Computerweekly.com [“No silver bullet for business IoT security”](#)

SAFE ON THE IoT HIGHWAY

“BUCKLE UP” before you Connect!

Everyone knows to buckle up before driving a vehicle; why not do the same before you connect?

Before you buy any device with Internet capability find out what security is available for protecting the device and your privacy.

Use a separate Wi-Fi network just for your IoT devices.

Connect only what you need. The best way to secure a device is to not connect it to the Internet.

Keep your IoT devices up-to-date just as you would with your computer or mobile device.

Limit the amount of information the device can share. Consider disabling information sharing capabilities.

Ensure you understand the data that is collected and who has access to your data.

Use a strong password or passphrase and change the default password.

Plan for replacement. At some point your device may have known vulnerabilities that cannot be fixed. Replacing the device may be the best way to eliminate the security risk.

Questions, comments or topic suggestions?
Email us at eSecurity@state.de.us

Visit the DTI [eSecurity website](#) for previous issues of
eSecurity Newsletters

